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TITLE: RECORDING LIQUID AND METHOD FOR INK JET RECORDING USING THE SAME

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INVENTOR-INFORMATION:

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NAME COUNTRY

CANON INC N/A

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ABSTRACT:

PURPOSE: To obtain a recording liquid, comprising 2-oxazolidone, excellent in humectant properties and discharge stability without causing precipitates, etc., with hardly any change in pH even in preservation for a long period, capable of providing clear images having a high image density and useful for ink jet, writing utensile, etc.

CONSTITUTION: The recording liquid is obtained by adding a solvent such as isopropyl alcohol, thiodiglycol or 2-pyrrolidone and ion exchange water to at least one of phthalocyanine, xanthene, triphenylmethane, anthraquinone, monoazo, disazo, trisazo and tetraazo-based dyes or a pigment, stirring and mixing the resultant mixture, preparing a recording liquid and further blending the prepared recording liquid with 2-oxazolidone. This recording liquid has good humectant properties, discharge stability and resistance of a member to the recording liquid and high solubility in dyes without causing a bronze phenomenon in printed letters and is capable of providing clear images having a high image density and useful for ink jet recording, etc.

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